




Lab - Node.js

Node.js installation



node

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node JS Interactive
NORTH AMERICA
Vancouver, Canada
October 4-6, 2017

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Node.js® is a JavaScript runtime built on [Chrome's V8 JavaScript engine](#). Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient. Node.js' package ecosystem, [npm](#), is the largest ecosystem of open source libraries in the world.

Download for macOS (x64)

v6.10.2 LTS
Recommended For Most Users

v7.9.0 Current
Latest Features

[Other Downloads](#) | [Changelog](#) | [API Docs](#) [Other Downloads](#) | [Changelog](#) | [API Docs](#)

Simple Web Server

- Step 1
 - Download [Node.js](#) and install it on your local machine.
- Step 2
 - Create a new folder on your local machine. This is where you Node.js server will run.
- Create a new file in the folder you just created and name it hello.js
 - Step 4
- Copy this [JavaScript code](#) (shown on the following slide) into your hello.js file.
 - Step 5
- Open a command prompt/terminal and cd into the directory you created in Step 2.
 - Step 6
- Execute the following command in the terminal window
 - Node hello.js
 - Step 7
- Open a browser and enter `http://localhost:8888/`
 - You should receive the response Hello World.

Simple Web Server

```
var http = require('http');
```

```
var svr = http.createServer(function(req, resp) {  
  resp.end('Hello, World!');  
}).listen(8888, '127.0.0.1');
```

```
console.log('Node HTTP server is listening at http://127.0.0.1:8888/');
```

Run:

```
> node hello.js
```

Simple Web Server - Import to Apigee Edge

- Step 1
 - Open the Edge UI in your browser.
- Step 2
 - Click APIs, then click + API Proxy to create a new API.
- Step 3
 - Select the Node.js App in the Build a Proxy screen and then click Next.
- Step 4
 - Enter a proxy name hello_node and proxy base path /hello_node.
 - For the Source, make sure to select the **Existing** option.
 - Choose the hello.js file that you create in the previous slide
 - Click Next
- Step 5
 - On the Security screen, select Pass through (none). Click Next

Simple Web Server - Import to Apigee Edge

- Step 6
 - On the Virtual Host screen, leave the default options selected. Click Next.
 - On the Build screen leave the default options selected. Click Next.
- Step 7
 - Open a browser and enter `http://{yourorg-env}.apigee.net/hello_node`
 - You should receive the response Hello World.

THANK YOU